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GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES
JAN 15 2009

Certified Mail No. 7008 1830 0004 1422 3621

FILE NUMBER: LA0040941
AI NUMBER: 19216
ACTIVITY NUMBER: PER20080002

City of St. Martinville
Cypress Island Coulee Wetland Wastewater Assimilation Project
Post Office Box 379
St. Martinville, Louisiana 70582

Attention: Honorable Thomas Nelson, Mayor

Subject: Draft Major Modification Louisiana Pollutant Discharge Elimination System (LPDES) permit LA0040941 effective January 1, 2007, for the discharge of treated sanitary wastewater from a publicly owned treatment works serving the City of St. Martinville.

Gentlemen:

On October 6, 2008, the Louisiana Department of Environment Quality (LDEQ) issued a minor modification to the LPDES wastewater discharge permit, LA0040941. However, since the time of issuance of the minor modification, the LDEQ has determined that the regulations identified in LAC 33:IX.2905 do not apply. Therefore, the modification must be issued as per the procedures listed in LAC 33:IX.Chapters 31-35.

The draft modifications are as follows:

- The City of St. Martinville received the Army Corps of Engineering 404 permit authorizing the construction of the wetland distribution system in July 2008. The project is expected to be ready by December 30, 2010. Therefore, the effective dates for the INTERIM and FINAL effluent limitations and monitoring requirements have been changed.

The INTERIM EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS will be effective from the effective date of the permit and lasting until no later than December 30, 2010, or, if prior to December 30, 2010, when construction of the distribution system is complete.

The FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS will be effective beginning no later than December 30, 2010 or, if prior to December 30, 2010, when construction of the distribution system is complete and lasting until the expiration date of the permit

Attached is the draft revision of the appropriate permit pages (Part I, Page 2 and 4 of 4 and Part II, Page 2 of 2) and a revised Title Page. Please note that this is a DRAFT MODIFICATION only. Upon the issuance of this modification the minor modification issued on October 6, 2008, will be revoked. All other conditions of the permit shall continue unchanged and remain valid until the expiration date of the permit.

City of St. Martinville
Cypress Island Coulee Wetland Wastewater Assimilation Project
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This Office will publish a public notice one time in the local newspaper of general circulation, and in the Department of Environmental Quality Public Notice Mailing List. A copy of the public notice containing the specific requirements for commenting to this draft permit modification action will be sent under separate cover at the time the public notice is arranged. In accordance with LAC 33:IX.6521.A, the applicant shall receive and is responsible for paying the invoice(s) from the newspaper(s). LAC 33:IX.6521 states, "...The costs of publication shall be borne by the applicant."

Should you have any questions concerning any part of the DRAFT MODIFICATION or public notice requirements, please contact Mr. Todd Franklin, Office of Environmental Services, at the address on the preceding page or telephone (225) 219-3102. Please reference your Agency Interest Number, AI 19216, and your Louisiana Pollutant Discharge Elimination System Number, LA0040941, on all future correspondence to the Department.

Sincerely,



Tom Killeen, Environmental Scientist Manager
Municipal and General Water Permits Section

jtf

Attachments (revised pages of permit and statement of basis):

cc: Mr. Todd Franklin
Water & Waste Permits Division

IO-W

cc: Ms. Gayle Denino
Office of Management & Finance

Permit Compliance Unit
Office of Environmental Compliance

For Public Notice
Public Participation Group
Office of Environmental Assistance



PERMIT #: LA0040941
 AGENCY INTERST #: 19216
 ACTIVITY #: PER20080002

OFFICE OF ENVIRONMENTAL SERVICES Water Discharge Permit

Pursuant to the Clean Water Act, as amended (33 U.S.C. 1251 *et seq.*), and the Louisiana Environmental Quality Act, as amended (La. R. S. 30:2001 *et seq.*), rules and regulations effective or promulgated under the authority of said Acts, and in reliance on statements and representations heretofore made in the application, a Louisiana Pollutant Discharge Elimination System permit is issued authorizing

City of St. Martinville
 Cypress Island Coulee Wetland Wastewater Assimilation Project
 Post Office Box 379
 St. Martinville, LA 70582

Type Facility: publicly owned treatment works serving the City of St. Martinville

Location: 2 miles west of the city limits and 1 mile north of Hwy. 96, St. Martin Parish

Receiving Waters: Cypress Island Coulee Wetland; thence into Cypress Island Coulee; thence into Cypress Island Coulee Canal; thence into Bayou Teche

to discharge in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II, and III attached hereto.

This permit and authorization to discharge was effective on January 1, 2007, and shall expire five (5) years from the effective date of the permit.

This permit was previously modified on October 6, 2008, and effective on November 1, 2008.

This Modification shall become effective on
 Issued on

Cheryl Sonnier Nolan
 Assistant Secretary

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PER20080002

INTERIM EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning the effective date of the permit and lasting through no later than December 30, 2010, or, if prior to December 30, 2010, when construction of the distribution system is complete.¹ the permittee is authorized to discharge from:

Outfall 001, treated sanitary wastewater into Cypress Island Coulee; thence into Bayou Tortue; thence into Bayou Teche (Design Capacity is 1.5 MGD).

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>					<u>Monitoring Requirements</u>	
	Storet Code	<u>Monthly Avg.</u>	<u>Weekly Avg.</u>	<u>Monthly Avg.</u>	<u>Weekly Avg.</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow-MGD	50050	Report (MGD)	Report (MGD)	---	---	Continuous	Recorder ¹
BOD ₅	00310	125 lbs/day	---	10 mg/l	15 mg/l	2/week	6 Hr Comp
TSS	00530	188 lbs/day	---	15 mg/l	23 mg/l	2/week	6 Hr Comp
Fecal Coliform colonies/100ml ²	74055	---	---	200	400	2/week	Grab
pH (Standard Units) ³	00400	---	---	---	---	2/week	Grab

Whole Effluent Toxicity Testing

		<u>Quality (Percent % UNLESS STATED)</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
		<u>Monthly Avg.</u>	<u>7-Day</u>		
<u>Biomonitoring</u>	<u>Storet Code</u>	<u>Minimum</u>	<u>Minimum</u>		
	<u>Ceriodaphnia dubia</u> TLP3B	Report ⁴	Report ⁴	1/quarter	24-Hr Composite
	TOP3B	Report	Report	1/quarter	24-Hr Composite
	TPP3B	Report	Report	1/quarter	24-Hr Composite
	TGP3B	Report ⁴	Report ⁴	1/quarter	24-Hr Composite
	TQP3B	Report	Report	1/quarter	24-Hr Composite
<u>Pimephales promelas</u>	TLP6C	Report ⁴	Report ⁴	1/quarter	24-Hr Composite
	TOP6C	Report	Report	1/quarter	24-Hr Composite
	TPP6C	Report	Report	1/quarter	24-Hr Composite
	TGP6C	Report ⁴	Report ⁴	1/quarter	24-Hr Composite
	TQP6C	Report	Report	1/quarter	24-Hr Composite

PART I**Modified Page 4 of 4****LA0040941; AI 19216****PER20080002****FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

During the period beginning no later than December 30, 2010, or, if prior to December 30, 2010, when construction of the distribution system is complete.¹ and lasting through the expiration date of the permit the permittee is authorized to discharge from:

Outfall 001 - 006, treated sanitary wastewater, directly into the Cypress Island Coulee Wetland; thence into Cypress Island Coulee; thence into Cypress Island Coulee Canal; thence into Bayou Teche (Design Capacity is 1.5 MGD).

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>					<u>Monitoring Requirements</u>	
	<u>Storet Code</u>	<u>Monthly Avg.</u>	<u>Weekly Avg.</u>	<u>Monthly Avg.</u>	<u>Weekly Avg.</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow-MGD	50050	Report (MGD)	Report (MGD)	---	---	Continuous	Recorder ²
BOD ₅	00310	375 lbs/day	---	30 mg/l	45 mg/l	2/week	6 Hr Comp
TSS	00530	1,126 lbs/day	---	90 mg/l	135 mg/l	2/week	6 Hr Comp
Fecal Coliform colonies/100ml ³	74055	---	---	1,000	2,000	2/week	Grab
pH (Standard Units) ⁴	00400	---	---	---	---	2/week	Grab
Wetland Monitoring ⁵	---	---	---	---	---	N/A	N/A

¹ Final Effluent Limitations and Monitoring Requirements are set in the permit in the event that the City of St. Martinville constructs the proposed change in discharge route to the wetland. The City is required to meet the schedule in the permit for a wetland assimilation discharge. See Part II, Section A, Paragraph 9.

² Includes totalizing meter or totalizer.

³ See Part II, Section A, Paragraph 8

⁴ The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units. The permittee shall report on the Discharge Monitoring Reports both the minimum and maximum instantaneous pH values measured.

⁵ See Part II, Section D, Wetland System Monitoring Requirements

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfalls 001, 002, 003, 004, 005, and 006 (Cypress Island Coulee Wetland), at the point of discharge from the last treatment unit prior to mixing with other waters.

Discharge locations into the Cypress Island Coulee Wetland must be staggered every three months in order to achieve even dispersal throughout the wetland system, in the following order: Outfall 001, 003, 005, 002, 004, 006, then repeat the order.

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OTHER REQUIREMENTS (continued)

being duly certified. Therefore, the City of St. Martinville should take whatever action is necessary to comply with La.R.S. 40:1149.

8. Please be aware, concentrations of Total Residual Chlorine above 0.01 mg/l can cause or contribute to significant toxicity in receiving streams and biomonitoring testing. It is the permittee's responsibility to assure that no Total Residual Chlorine remains in the effluent after dechlorination in order to prevent toxicity in the receiving stream and in whole effluent toxicity testing.

9. **CONSTRUCTION COMPLIANCE SCHEDULE**

The City of St. Martinville plans to change their current discharge route from the Cypress Island Coulee to a direct discharge into the Cypress Island Coulee Wetland

The permittee shall achieve FINAL EFFLUENT LIMITATIONS and MONITORING REQUIREMENTS (construction of the outfalls to Cypress Island Coulee Wetland) specified in accordance with the following schedule:

ACTIVITY	DATE
Achieve Interim Effluent Limitations and Monitoring Requirements	On the effective date of the permit
Achieve Final Effluent Limitations and Monitoring Requirements	No later than December 30, 2010, or, if prior to December 30, 2010, when construction of the distribution system is complete.

The permittee shall achieve Final Effluent Limitations and Monitoring Requirements upon the completion date of activities for the construction of the proposed outfalls into the wetland.

Additionally, the permittee shall submit progress reports outlining the status of ongoing activities to change the discharge route to the wetland on a quarterly basis until the construction is achieved. These reports should be submitted prior to and during the construction phase in the months of January, April, July, and October.

Within 14 days of completion of the outfalls, the Permittee shall notify the Department of Environmental Quality – Office of Environmental Compliance, Permit Compliance Unit (PCU); and USEPA Region VI in writing that construction has been completed.

Louisiana Department of Environmental Quality
 Office of Environmental Compliance
 Permits Compliance Unit
 Post Office Box 4312
 Baton Rouge, Louisiana 70821-4312

United States Environmental Protection Agency, Region VI
 1445 Ross Avenue
 Dallas, Texas 75202